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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/807,508	08/09/2001	Dieter Groitzsch	22750/482	9265
26646	7590	11/15/2005	EXAMINER	
KENYON & KENYON			WATKINS III, WILLIAM P	
ONE BROADWAY			ART UNIT	
NEW YORK, NY 10004			PAPER NUMBER	

1772

DATE MAILED: 11/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/807,508

Applicant(s)

GROITZSCH ET AL.

Examiner

William P. Watkins III

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 11-15, 17-25 and 27-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11-15, 17-25 and 27-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

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#### DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 06 September 2005 has been entered.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 11-15, 17-25 and 27-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Suzuki et al. (U.S. 4,840,829) in view of Hills (U.S. 5,162,074) and Gillespie et al. (U.S.

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5,783,503) further in view of Putzer (U.S. 6,022,338) and Robles et al. (U.S. 6,004,306).

Suzuki et al. teach forming a top sheet of a sanitary article by forming apertures in a non-woven web by the use of water jets (abstract). The web may be between 10 and 50 grams per square meter and have fibers of .5 to 15 denier (col. 3, lines 50-55 and col. 4, lines 1-5). The top sheet of Suzuki et al. may be made of hydrophobic fibers (col. 3, lines 60-69). Hills teaches the formation of non woven webs by the use of pie type fibers made of two different polymers that are then separated into micro fibers that may have denier values as low as .1, (col. 7, lines 10-20). Gillespie et al. teach the liberation of pie micro fibers by hydro action as prior art and the greatly increased strength of the webs using micro fibers made of two different types of longer chain polymers (abstract col. 1, lines 30-49, col. 6, lines 50-65). Robles et al. teach that a top sheet made of hydrophobic fibers can be sprayed with a surfactant to allow liquids to be better drawn into the top sheet before it can flow off of the sides of the top sheet (col. 8, lines 54-65). Putzer teaches coating a hydrophobic top sheet with .28 weight percent loading of surfactant in order to increase performance (col. 7, lines 20-45).

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The instant invention claims the use of pie type conjugate fibers that are separated by hydro action in webs with apertures formed by hydro jets for use as top sheets in sanitary articles. The instant invention further claims a less than .6 weight percent loading of a wetting agent on the top sheet. It would have been obvious to one of ordinary skill in the art to have used the micro fibers of Hills and Gillespie et al. as the web material in the process of Suzuki et al. in order to form a top sheet of good softness and high strength. As the top sheet of the combination is of similar material to that taught in the instant specification it is assumed to have similar strike through and rewet values when used as a top sheet. It further would have been obvious to have sprayed the top sheet of Suzuki et al. as modified above with a surfactant at a loading of .28 weight percent in order to prevent liquids from flowing over the sides of the top sheet before it is absorbed because of the teachings of Putzer and Robles et al.

4. Applicant's arguments filed 06 September 2005 have been fully considered but they are not persuasive.

Regarding applicant's summary of the interview held 24 August 2005 on page 5 of the paper filed 06 September 2005; the

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examiner notes that no agreement was reached on the allowability of the currently presented claims. The previous rejection has been modified, as noted above; to address the presence of a wetting agent at less than .6 weight percent, as is now claimed. Applicant's arguments regarding the lack of this limitation are moot in view of the new grounds of rejection.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William P. Watkins III whose telephone number is 571-272-1503. The examiner works an increased flex time schedule, but can normally be reached Monday through Friday, 11:30 A.M. through 8:00 P.M. Eastern Time. The examiner returns all calls within one business day unless an extended absence is noted on his voice mail greeting.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Pyon can be reached on 571-272-1498. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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WW/ww

November 13, 2005

A handwritten signature in black ink, appearing to read "William P. Watkins III". The signature is stylized with a large, looped initial "W" and a prominent "P" at the end.

**WILLIAM P. WATKINS III**  
**PRIMARY EXAMINER**